



SEQUENCE LISTING

<10> KIMURA, NAOKI
TOYOSHIMA, TOMOKO

<120> NOVEL SECRETORY MEMBRANE PROTEIN

<130> 14875-040003

<140> 10/802,332

<141> 2004-03-16

<150> US 09/855,266

<151> 2001-05-14

<150> US 09/411,722

<151> 1999-10-01

<150> PCT/JP98/01511

<151> 1998-04-01

<150> JP 9/099653

<151> 1997-04-01

<160> 14

<170> PatentIn version 3.3

<210> 1

<211> 176

<212> PRT

<213> Mus musculus

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20 25 30

Ser Tyr Ser Phe Asn Cys Pro Asp Gly Glu Tyr Gln Ser Asn Asp Val
35 40 45

Cys Cys Lys Thr Cys Pro Ser Gly Thr Phe Val Lys Ala Pro Cys Lys
50 55 60

Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His Pro Gly Thr Phe
65 70 75 80

Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu Cys Ser Thr Cys
85 90 95

Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala Thr Ser Asp Arg
100 105 110

Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp Pro Lys Phe Pro
115 120 125

Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly Ile Pro Val Leu
 130 135 140

Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser Ser Ser Val Ser
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Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile Val Phe Cys Ile
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 20 25 30

Ala Pro Cys Lys Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His
 35 40 45

Pro Gly Thr Phe Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu
 50 55 60

Cys Ser Thr Cys Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala
 65 70 75 80

Thr Ser Asp Arg Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp
 85 90 95

Pro Lys Phe Pro Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly
 100 105 110

Ile Pro Val Leu Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser
 115 120 125

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 130 135 140

Val Phe Cys Ile
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Phe Leu Leu Leu Leu Leu Leu Asn Leu Phe Leu Pro Val Ile Phe Ala
15 20 25

atg cct gaa tca tac tcc ttc aac tgt ccc gat ggt gaa tac cag tct 146
Met Pro Glu Ser Tyr Ser Phe Asn Cys Pro Asp Gly Glu Tyr Gln Ser
30 35 40 45

aat gat gtc tgt tgc aag acc tgt ccc tca ggt aca ttt gtc aag gcg 194
Asn Asp Val Cys Cys Lys Thr Cys Pro Ser Gly Thr Phe Val Lys Ala
50 55 60

ccc tgc aaa atc ccc cat act caa gga caa tgt gag aag tgt cac cca 242
Pro Cys Lys Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His Pro
65 70 75

gga aca ttc aca ggg aaa gat aat ggc ctg cat gat tgt gaa ctt tgc 290
Gly Thr Phe Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu Cys
80 85 90

tcc acc tgt gat aaa gac cag aat atg gtg gct gac tgt tct gcc acc 338
Ser Thr Cys Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala Thr
95 100 105

agt gac cgg aaa tgc gag tgc caa ata ggt ctt tac tac tat gac cca 386
Ser Asp Arg Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp Pro
110 115 120 125

aaa ttt ccg gaa tca tgc cgc cca tgt acc aag tgt ccc caa gga atc 434
Lys Phe Pro Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly Ile
130 135 140

cct gtc ctc cag gaa tgc aac tcc aca gct aac act gtg tgc agt tca 482
Pro Val Leu Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser Ser
145 150 155

tct gtt tca aat ccc aga aac tgg ctg ttc cta ctg atg cta att gtc 530
Ser Val Ser Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile Val
160 165 170

ttc tgt atc tgaagaagat aaagggttcta cagatggtgt ctgtagcttc 579
Phe Cys Ile
175

ctttttattgc tgtgaagaga aaccatggag gcaactcttt cattttattt tatttttttaa 639

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<212> PRT

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Thr	Lys	Cys	His	Lys	Gly	Thr	Tyr	Leu	Val	Ser	Asp	Cys	Pro	Ser	Pro
			20					25					30		

Gly	Arg	Asp	Thr	Val	Cys	Arg	Glu	Cys	Glu	Lys	Gly	Thr	Phe	Thr	Ala
		35					40					45			

Ser	Gln	Asn	Tyr	Leu	Arg	Gln	Cys	Leu	Ser	Cys	Lys	Thr	Cys	Arg	Lys
	50					55					60				

Glu	Met	Ser	Gln	Val	Glu	Ile	Ser	Pro	Cys	Gln	Ala	Asp	Lys	Asp	Thr
65					70					75					80

Val	Cys	Gly	Cys	Lys	Glu	Asn	Gln	Phe	Gln	Arg	Tyr	Leu	Ser	Glu	Thr
				85					90					95	

His	Phe	Gln	Cys	Val	Asp	Cys	Ser	Pro	Cys	Phe	Asn	Gly	Thr	Val	Thr
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Ile	Pro	Cys	Lys	Glu	Thr	Gln	Asn	Thr	Val	Cys
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		20						25				30			
Gly	Gln	Cys	Glu	Lys	Cys	His	Pro	Gly	Thr	Phe	Thr	Gly	Lys	Asp	Asn
		35					40					45			
Gly	Leu	His	Asp	Cys	Glu	Leu	Cys	Ser	Thr	Cys	Asp	Lys	Asp	Gln	Asn
	50					55				60					
Met	Val	Ala	Asp	Cys	Ser	Ala	Thr	Ser	Asp	Arg	Lys	Cys	Glu	Cys	Gln
65					70					75					80
Ile	Gly	Leu	Tyr	Tyr	Tyr	Asp	Pro	Lys	Phe	Pro	Glu	Ser	Cys	Arg	Pro
			85						90					95	
Cys	Thr	Lys	Cys	Pro	Gln	Gly	Ile	Pro	Val	Leu	Gln	Glu	Cys	Asn	Ser
			100					105					110		
Thr	Ala	Asn	Thr	Val	Cys										
		115													